

FIG. 1

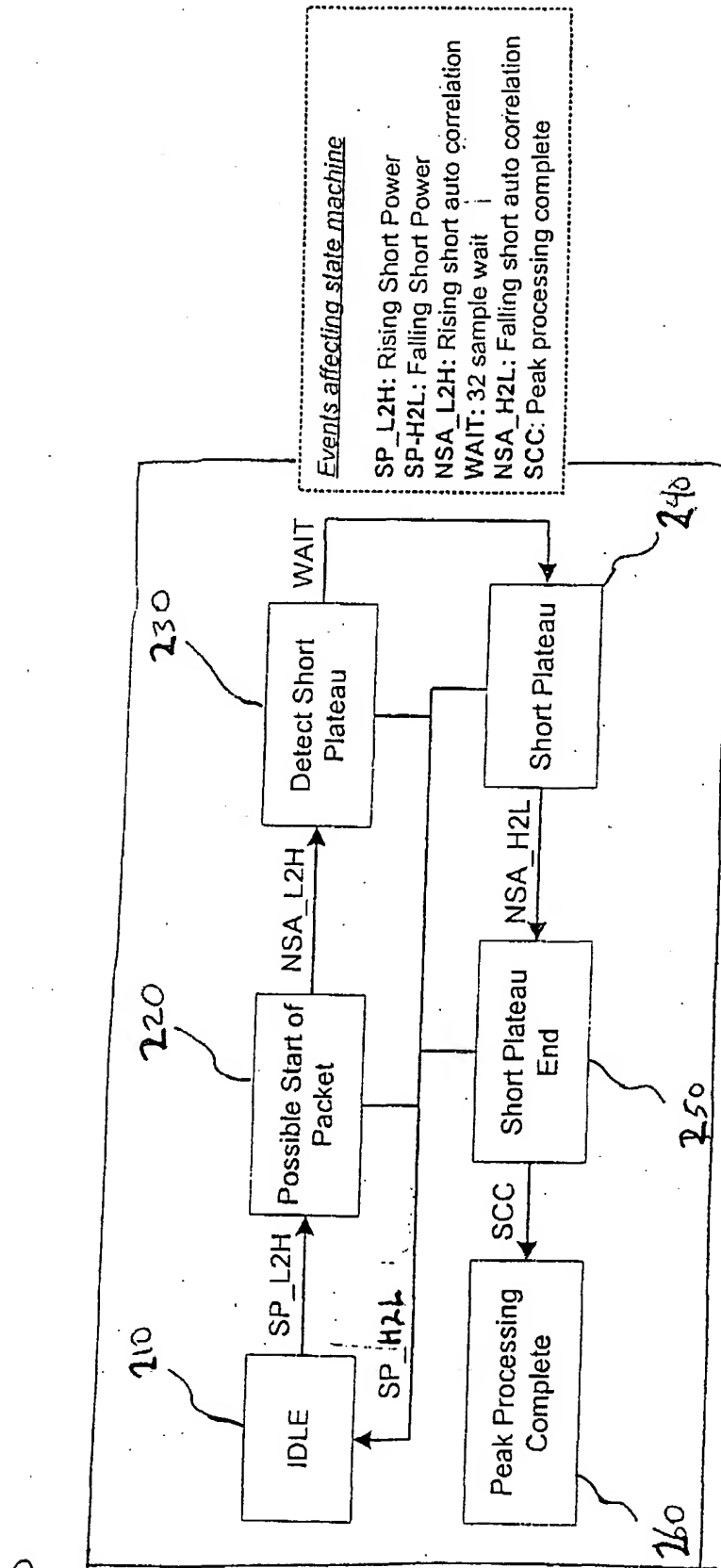


FIG. 2

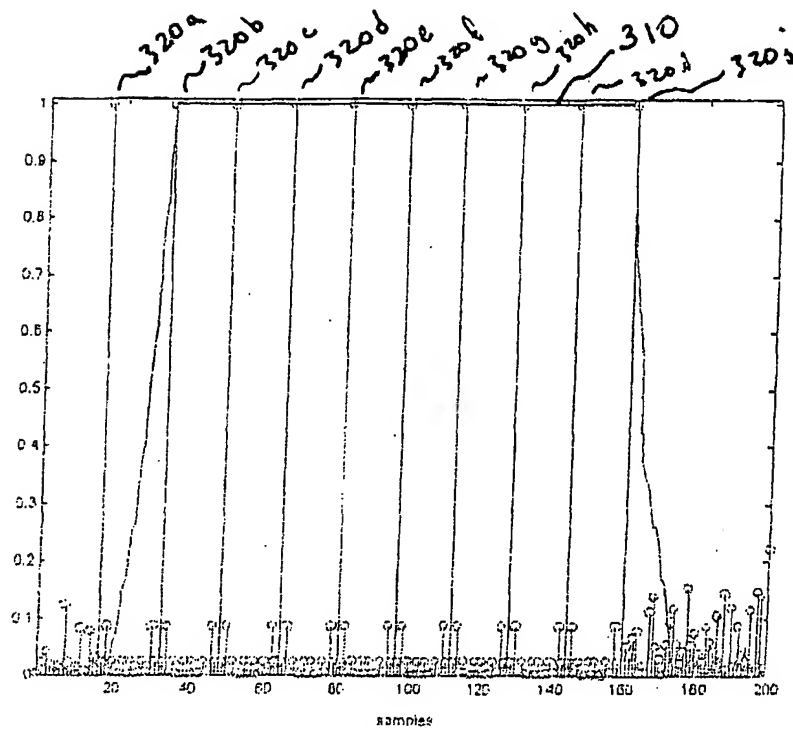


Fig. 3a Ideal correlation and matched filter outputs

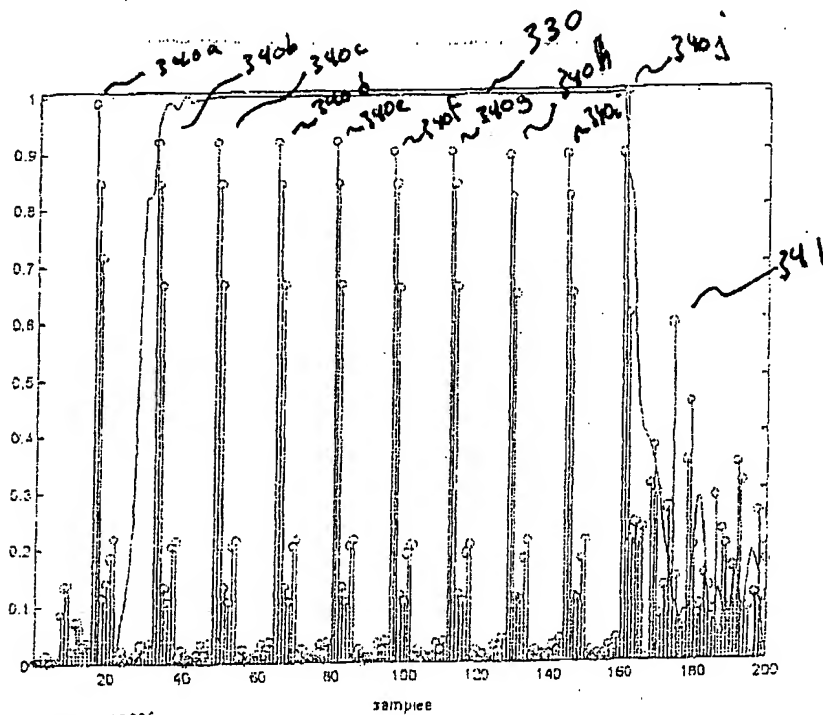


Fig. 3b No noise, 80ns RMS delay spread

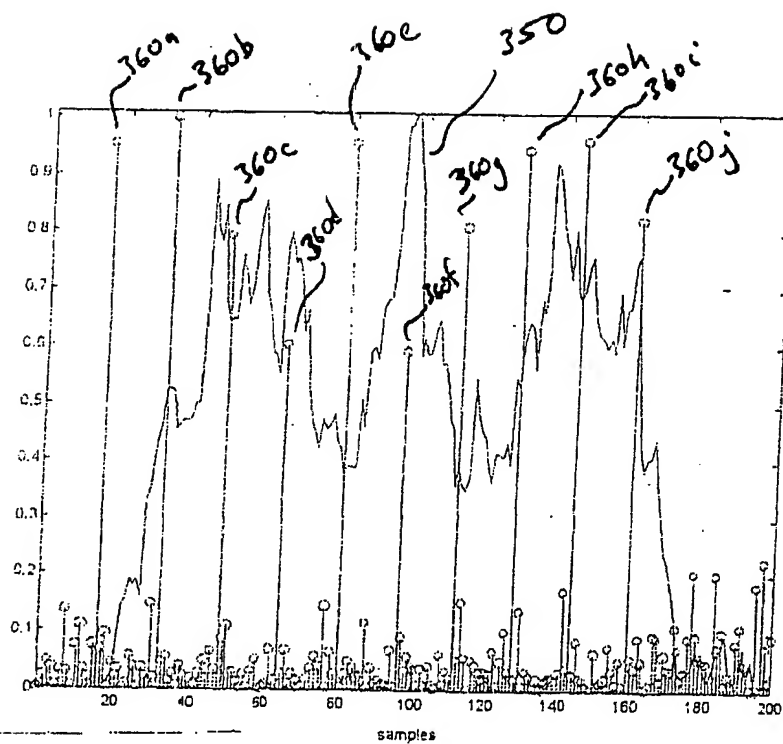


FIG. 3c No multi-path, 4dB SNR

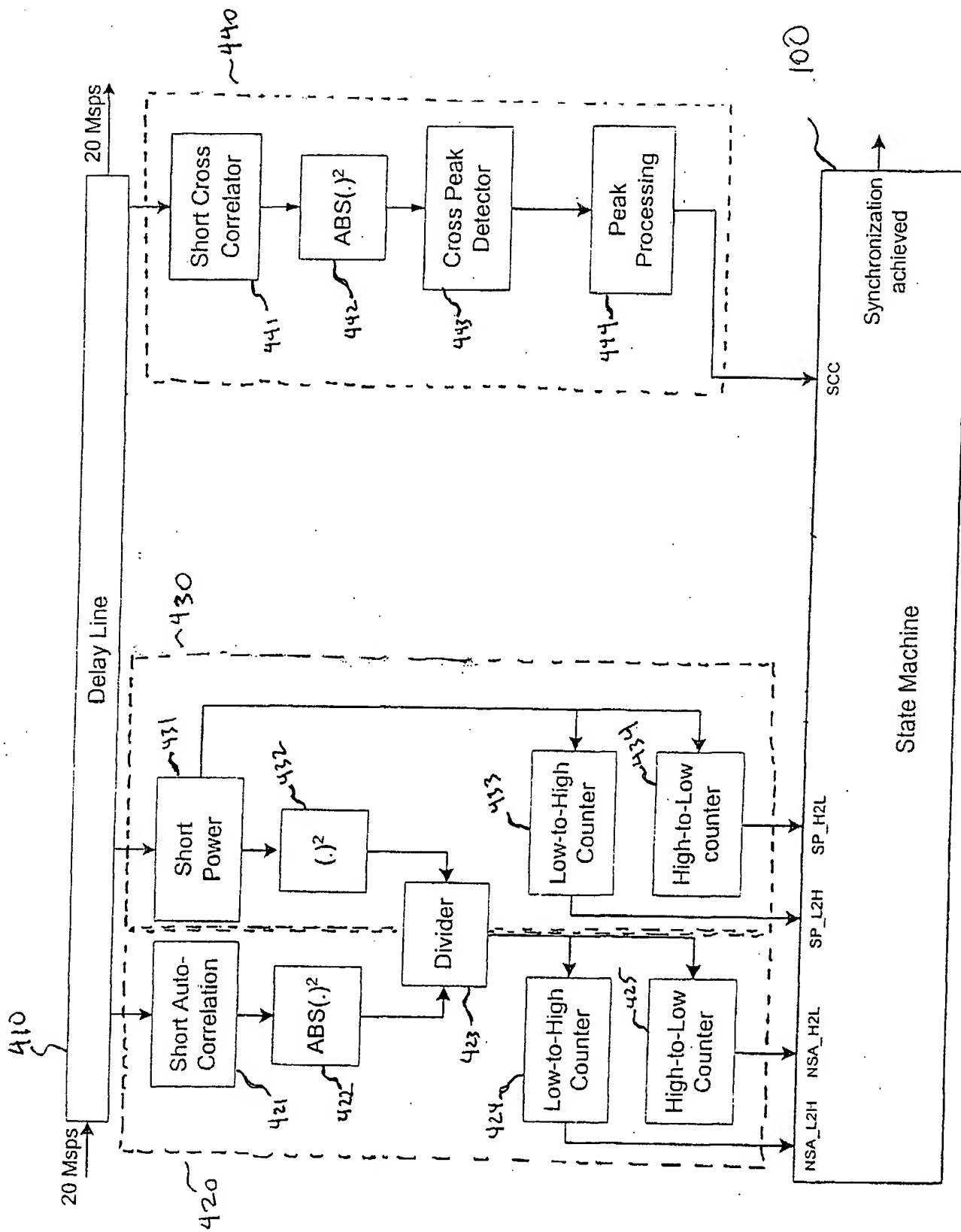


FIG. 4

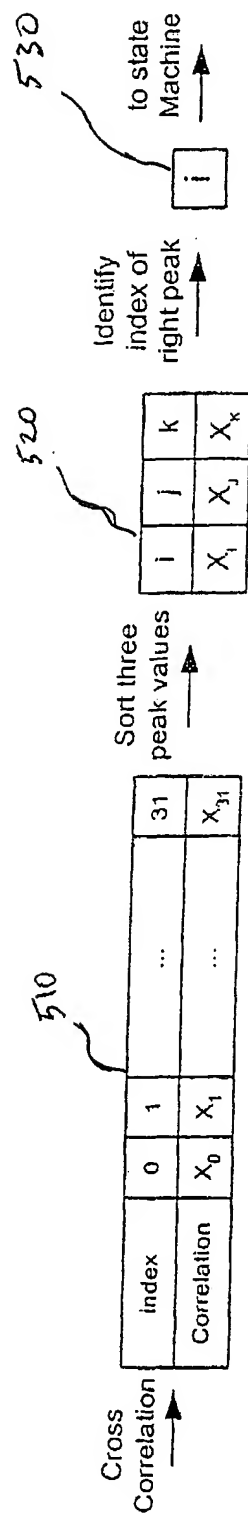


FIG. 5